

INTERNATIONAL SEARCH REPORT

ational Application No

/JP2004/003774

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C04B35/488 H01M8/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | BADWAL S P S ET AL: "Scandia-zirconia electrolytes for intermediate temperature solid oxide fuel cell operation" SOLID STATE IONICS, NORTH HOLLAND PUB. COMPANY. AMSTERDAM, NL, vol. 136-137, 2 November 2000 (2000-11-02), pages 91-99, XP004225912 ISSN: 0167-2738 whole document, in particular "Results and Discussion" and "Conclusions" --- -/-- | 12 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 June 2004

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29/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| X | PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06, 31 July 1995 (1995-07-31) -& JP 07 073891 A (TOHO GAS CO LTD), 17 March 1995 (1995-03-17) abstract figure 2 ---- | 12 |
| X | DATABASE WPI Section Ch, Week 198141 Derwent Publications Ltd., London, GB; Class E36, AN 1981-74991D XP002283581 -& JP 56 109871 A (TOYOTA JIDOSHA KK), 31 August 1981 (1981-08-31) abstract figures; table 3 ---- | 12 |
| X | US 4 205 051 A (SUZUKI YUTAKA ET AL) 27 May 1980 (1980-05-27) reference example 1 ---- | 12 |
| A | DATABASE HCAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; TAKEUCHI, TOMONARI ET AL: "Improvement of mechanical strength of 8 mol% yttria-stabilized zirconia ceramics by spark-plasma sintering" retrieved from STN Database accession no. 2002:316802 XP002283582 abstract & JOURNAL OF THE ELECTROCHEMICAL SOCIETY , 149(4), A455-A461 CODEN: JESOAN; ISSN: 0013-4651, 2002, ----- | 1-11 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

T/JP2004/003774

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| JP 56109871 | A | 31-08-1981 | NONE | |
| US 4205051 | A | 27-05-1980 | JP 1201659 C | 25-04-1984 |
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